## Final program

<table>
<thead>
<tr>
<th>Monday</th>
<th>22.10.2007</th>
<th>10:00 – 12:00</th>
<th>Tutorial: &quot;Setting up EGEE Grid site&quot;</th>
</tr>
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<tbody>
<tr>
<td>Monday</td>
<td>22.10.2007</td>
<td>13:00 – 13:30</td>
<td>Registration</td>
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<td>13:30 – 13:40</td>
<td>Opening session</td>
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<td>13:40 – 14:20</td>
<td>Invited lecture</td>
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<td>14:20 – 16:00</td>
<td>Session 1</td>
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<td>16:00 – 16:20</td>
<td>Coffee break</td>
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<td>16:20 – 18:00</td>
<td>Session 2</td>
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<td>18:00</td>
<td>Reception</td>
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<tr>
<td>Tuesday</td>
<td>23.10.2007</td>
<td>9:00 – 9:40</td>
<td>Invited lecture</td>
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<td>9:40 – 11:00</td>
<td>Session 3</td>
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<td>11:00 – 11:20</td>
<td>Coffee break</td>
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<td>11:20 – 13:00</td>
<td>Session 4</td>
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<td>13:00 – 14:00</td>
<td>Lunch</td>
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<td>14:00 – 15:40</td>
<td>Grid Tutorials</td>
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<td>15:40 – 16:00</td>
<td>Coffee break</td>
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<td>16:00 – 17:20</td>
<td>Session 5</td>
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<td>17:20 – 17:35</td>
<td>Panel / Round table</td>
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<td>17:35 – 17:50</td>
<td>Consortium &quot;Slovak grid&quot;</td>
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<td>17:50 – 18:00</td>
<td>Program committee meeting</td>
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<td>18:00</td>
<td>Closing ceremony</td>
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</tbody>
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### Monday October 22, 2007

**10:00**  
*Tutorial 1*  
Setting up EGEE Grid site  
*Ján Astaloš*

**13:30**  
*Opening ceremony*  
*Ladislav Hluchý*

**13:40**  
*Invited lecture*  
High-throughput computing in molecular modeling and design  
*Tibor Kožár*
14:20
**Session 1**
*Grid and Service-oriented Computing*

**Chair person: Ladislav Hluchý**

- Web services composition supported by collaboration  
  *Mária Bieliková, Ivan Kapustík, Pavol Návrat, Viera Rozinajová*

- Dynamic runtime environment and its usage for workflow submission  
  *Marek Kočan*

- Concentrator placement problem solution in the optimized radio network design  
  *Jozef Petrek*

- A Practical Component Framework for Development of Scientific Grid Applications  
  *Viera Šípková, Radoslav Forgáč, Ján Astaloš, Viet D. Tran, and Miroslav Dobrucký*

- Workflow composition service for Grid applications  
  *Viet D. Tran*

16:20
**Session 2**
*Environmental Applications and Distributed Computing*

**Chair person: Branislav Šimo**

- Improvement of Fire Hazard Mapping: Road Traffic and Topography effects  
  *Veronique Cesari, Frédérique Giroud, and Claude Picard*

- A visualization in cluster environment  
  *Branislav Sobota, Marek Straka, and Ján Perháč*

- Use of remote sensing data and GIS technologies for environmental modeling: The AIRSAT project  
  *Panagiotis E. Symeonidis, Athina Kokonazi, Kostas Kourtidis, and Evagelos Kosmidis*

- 3D Visualization Tool for Visualization of Running Grid oriented Applications  
  *Eva Pajorová*

- Framework for Visualization and Monitoring of Grid Applications  
  *Peter Slížik and Ladislav Hluchý*
Tuesday October 23, 2007

9:00
Invited lecture
The formation of the outer comet Oort cloud. Simulating the first giga-year of the evolution
Marián Jakubík, Luboš Neslušan, Piotr A. Dybczynski, Giuseppe Leto, Tomáš Paulech

9:40
Session 3
Distributed Computing and Large Scale Applications
Chair person: Luboš Neslušan
Tools for effective execution of parameter studies in EGEE grid
Ján Astaloš, Miroslav Dobrucký

Material tension stress-strain curve determination via inverse analysis using finite element method in computational Grids - Conception of the analysis
Ladislav Écsi, Pavel Élesztős, Viera Šipková, Miroslav Dobrucký, Ján Astaloš

Mathematical Model of Aircraft and its Visualization Using MPI
Peter Kvasnica, Tomáš Páleník, Michal Čižmár

Metadata in Problem Solving Environment for Stereology Based Modeling
Július Parulek, Marek Ciglan, Branislav Šimo, Miloš Šrámek, Ladislav Hluchý, and Ivan Zahradník

11:20
Session 4
Use of Knowledge and Semantics in Distributed Computing
Chair person: Pavol Návrat
Semantic description of the data mining grid services
Martin Sarnovský, Peter Bednar, František Babič, Jozef Wagner

User interface enabling smart semantic composition of web services
Emil Gatial, Branislav Šimo, Martin Šeleng, Ladislav Hluchý

A Distributed Semantic Repository for Web Services Workflow Composition
Ondrej Habala, Marek Ciglan, and Ladislav Hluchý

Towards Semantic Annotation of Grid Services
Marian Babík, Michal Laclavík, Martin Šeleng, Ladislav Hluchý, and Emil Gatial

Towards Pro-active Knowledge Sharing in Grid Environment
Michal Laclavík, Martin Šeleng, Ondrej Habala, Branislav Šimo, Marek Ciglan
14:00
*Grid Tutorials*

Course for grid application developers (3 * 15 min.)
- Introduction to Grid and Grid security (Úvod do Gridu a bezpečností v Gride)
- Introduction to gLite (Úvod do gLite)
- Gridification of application (Gridifikácia aplikácie)

*Lecturers: Miroslav Dobrucký, Viera Šipková, Viet D. Tran*

Grid tutorial and demo (30 min.)
*Lecturer: Viera Šipková*

16:00
*Session 5*

**Distributed Computing & Large Scale Data Access and Management**

Chair person: Miroslav Dobrucký

Fault tolerance techniques for grid environments: An overview
*Bartolomej Barra, Ladislav Hluchý*

Homogeneous data access authorization handling on heterogeneous grid
*Marek Ciglan, Ondřej Habala, Ján Astaloš, and Ladislav Hluchý*

About Grid Workflows Verification
*Peter Kurdel and Jolana Sebestyénová*

Job submission service based on WSRF
*Branislav Šimo and Ladislav Hluchý*
Presentation equipment

Each talk has a time slot of 20 minutes. Please speak for 15 minutes and leave 5 minutes for questions.

In conference room there will be a Personal Computer available for presentations, with Microsoft Power Point and Adobe Acrobat Reader installed.
You can load your presentation into the PC via
- USB MEMORY KEY
- CD

Please contact your session chair a few minutes before the start of the session with short biography written, if not done previously via our conference system.
In case you need to use your personal laptop, please contact your session chair before the session starts.